

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	98	365/185.2,210,230.03,185.11,203. ccls. and bit\$1 and (reference near3 cell) and (reference near3 array) and average and (reference near3 voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L2	8	365/185.2,210,230.03,185.11,203. ccls. and average same (bit with (reference near3 cell)) and (reference near3 array) and (reference near3 voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L3	26	"365"/\$.ccls. and average same (bit\$1 with (reference near3 cell\$1)) and (reference near3 array\$1) and (reference near3 voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L4	154	"365"/\$.ccls. and average and (bit\$1 with (reference near3 cell\$1)) and (reference near3 array\$1) and (reference near3 voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L5	388	"365"/\$.ccls. and average and (bit\$1 with (reference with cell\$1)) and (reference with array\$1) and (reference with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L6	68	"365"/\$.ccls. and average same (bit\$1 with (reference with cell\$1)) and (reference with array\$1) and (reference with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L7	669	"365"/\$.ccls. and cell\$1 and (reference with array\$1) and bit\$1 and average and (reference with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L8	203	365/185.2,210,230.03,185.11,203. ccls. and cell\$1 and (reference with array\$1) and bit\$1 and average and (reference with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L9	13	365/185.2,210,230.03,185.11,203. ccls. and cell\$1 and (reference with array\$1) same bit\$1 same average and (reference with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14

## EAST Search History

L10	185	("5986941" "6177703" "5460988" "5790460" "6180538" "6182239" "6248628" "5222040" "5357465" "5422292" "5427968" "5638327" "5721442" "5838617" "6009033" "6074915" "6088287" "6207989" "6242774" "6243293" "4963825" "5008721" "5197027" "5313421" "5345418" "5408115" "5422291" "5428621" "5466622" "5516713" "5544103" "5576232" "5583810" "5583811" "5600166" "5620913" "5650964" "5657268" "5659550" "5686749" "5744834" "5753952" "5776810" "5811852" "5814853" "5814854" "5824584" "5835420" "5835409" "5847996").pn. ("5872733" "5909397" "5910915" "5910925" "5912488" "5913120" "5923587" "5937423" "5940705" "5952691" "5953255" "5977584" "5990515" "5989959" "6009022" "6040996" "6088269" "6091104" "6104057" "6117730" "6118695" "6118696" "6121088" "6144073" "6191980" "6207502" "6212098" "6218245" "6225659" "6212098" "6218245" "6225659" "6242305" "6242306" "4947222" "5012307" "5196722" "5210047" "5220533" "5229631" "5241507" "5281548" "5317535" "5329487" "5335200" "5345104" "5349220" "5369609" "5385856" "5399516").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L11	9	365/185.03,185.01,185.05,185.07, 185.2,185.33,185.21,185.09,185. 25.ccls. and ((reference with cell\$1) with average) and redund\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L12	12	365/185.03,185.01,185.05,185.07, 185.2,185.33,185.21,185.09,185. 25.ccls. and ((reference with cell\$1) same average) and redund\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L13	38	365/185.03,185.01,185.05,185.07, 185.2,185.33,185.21,185.09,185. 25.ccls. and ((reference with cell\$1) same average) and precharg\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14

## EAST Search History

L14	69	365/185.03,185.01,185.05,185.07, 185.2,185.33.ccls. and ((reference with cell\$1) with average)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L15	11	("5163021"   "5497354"   "5528543"   "5537358"   "5675537"   "5748546"   "5754475"   "5963477"   "6310811"   "6317362"   "6525969").PN.	USPAT	OR	OFF	2007/11/02 12:14
L16	2	("6134156"   "6201737"   "2002/0005547").PN.	USPAT	OR	OFF	2007/11/02 12:14
L17	62	"6201737".URPN.	USPAT	OR	OFF	2007/11/02 12:14
L18	4	("6011725"   "6038178"   "6201737"   "6603700").PN.	USPAT	OR	OFF	2007/11/02 12:14
L19	4	("4878203"   "5282174"   "6314028"   "6377502").PN.	USPAT	OR	OFF	2007/11/02 12:14
L20	5	("4821240"   "4866603"   "5418752"   "5847998"   "5867430").PN.	USPAT	OR	OFF	2007/11/02 12:14
L21	10	("4752871"   "5007022"   "5241510"   "5245572"   "5276642"   "5355334"   "5361343"   "5506810"   "5684752"   "5691955").PN.	USPAT	OR	OFF	2007/11/02 12:14
L22	4	("4773049"   "5274596"   "5384745"   "5539696").PN.	USPAT	OR	OFF	2007/11/02 12:14
L23	13	("3895360"   "4802132"   "4947373"   "5003510"   "5016220"   "5077693"   "5083296"   "5126973"   "5136546"   "5148396"   "5148523"   "5315560"   "5384745").PN.	USPAT	OR	OFF	2007/11/02 12:14
L24	2	("4796224"   "4953131").PN.	USPAT	OR	OFF	2007/11/02 12:14
L25	2	("4079462"   "4412314").PN.	USPAT	OR	OFF	2007/11/02 12:14
L26	4	("3719932"   "3969706"   "4112514"   "4183096").PN.	USPAT	OR	OFF	2007/11/02 12:14
L27	4	("3609712"   "3641511"   "3688264"   "3706975").PN.	USPAT	OR	OFF	2007/11/02 12:14
L28	4	("5163021"   "5754475"   "6108259"   "6538922").PN.	USPAT	OR	OFF	2007/11/02 12:14
L29	79	365/185.03,185.01,185.05,185.07, 185.2,185.33,185.21,185.09,185. 25.ccls. and ((reference with cell\$1) with average)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14

## EAST Search History

L30	117	365/185.03,185.01,185.05,185.07, 185.2,185.33,185.21,185.09,185. 25.ccls. and ((reference with cell\$1) same average) and (reference with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L31	56	365/185.03,185.01,185.05,185.07, 185.2,185.33,185.21,185.09,185. 25.ccls. and ((reference with cell\$1) same average) same (reference with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L32	40	365/185.03,185.01,185.05,185.07, 185.2,185.33,185.21,185.09,185. 25.ccls. and memory same ((reference with cell\$1) same average) same (reference with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L33	43	365/185.03,185.01,185.05,185.07, 185.2,185.33,185.21,185.09,185. 25.ccls. and ((reference with cell\$1) same average) same (reference with voltage) and erase	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L34	7	365/185.03,185.01,185.05,185.07, 185.2,185.33,185.21,185.09,185. 25.ccls. and (reference with cell\$1) and (reference with pair) same wordline\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L35	298	365/185.03,185.01,185.05,185.07, 185.2,185.33,185.21,185.09,185. 25.ccls. and (reference with cell\$1) and (reference with pair)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L36	64	365/185.03,185.01,185.05,185.07, 185.2,185.33,185.21,185.09,185. 25.ccls. and (reference with cell\$1) and (reference with pair) same word same bit\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L37	4	("5163021"   "5754475"   "6108259"   "6538922").PN.	USPAT	OR	OFF	2007/11/02 12:14
L38	5	("5029135"   "5157626"   "5258958"   "5386132"   "5532962").PN.	USPAT	OR	OFF	2007/11/02 12:14
L39	15	365/185.2,210,230.03,185.11,203. ccls. and bit\$1 and (reference near3 cell) and (reference near3 array) and average and (reference near3 voltage) and (redundan\$3 with array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14

## EAST Search History

L40	2	"365"/\$.ccls. and bit\$1 and (reference near3 cell\$1) and (reference near3 array) and (average with (reference near3 voltage)) and (redundan\$3 with array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L41	4	"365"/\$.ccls. and bit\$1 and ((reference near3 cell\$1) or (reference near3 array)) and (average with (reference near3 voltage)) and (redundan\$3 with array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L42	5	bit\$1 and ((reference near3 cell\$1) or (reference near3 array)) and (average with (reference near3 voltage)) and (redundan\$3 with array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L43	18	365/185.2,210,230.03,185.11,203, 200.ccls. and bit\$1 and (reference near3 cell) and (reference near3 array) and average and (reference near3 voltage) and (redundan\$3 with array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L44	1	("20020145910").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/02 12:14
L45	5	"365"/\$.ccls. and bit\$1 and (reference near3 cell) and (average with (reference near3 voltage)) and redundan\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L46	2	("6038160"   "6297985").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/02 12:14
L47	2	365/185.2,210,230.03,185.11,203, 200.ccls. and bit\$1 and (reference with cell) and (average with (reference with voltage)) and redundan\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L48	9	"365"/\$.ccls. and bit\$1 and (reference with cell) and (average with (reference with voltage)) and redundan\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L49	4	("5723885"   "6185143"   "6256247"   "6590818").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/02 12:14
L50	1	Fujitsu.in. and "365"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/02 12:14

## EAST Search History

L51	486	Gaertner.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/02 12:18
L52	125	365/203,210.ccls. AND (precharge with (reference near2 cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 12:14
L53	10	"365"/203,210.ccls. and cell\$1 and (reference with array\$1) and bit\$1 and average and (reference with voltage) and (precharge with (reference near2 cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L54	1	("6519184").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 12:14
L55	12	"365"/203,210.ccls. and (reference with array\$1) and average and (reference with voltage) and (precharge with (reference near2 cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L56	22	"365"/203,210.ccls. and average and (precharge with (reference near2 cell\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L57	125	"365"/203,210.ccls. and (precharge with (reference near2 cell\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L58	70	"365"/203,210.ccls. and (precharge with (reference adj cell\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L59	107	"365"/203,210.ccls. and (precharg\$3 with (reference adj cell\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L60	33	"365"/203,210.ccls. and (precharg\$3 near2 (reference adj cell\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14

## EAST Search History

L61	4	"365"/203,210.ccls. and (precharg\$3 with (reference adj cell\$1)) same average.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L62	5	"365"/203,210.ccls. and (precharg\$3 with (reference adj cell\$1)) same average\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L63	7	("4363111"   "4484312"   "4547868"   "4633443"   "4831591"   "4961166"   "5351210").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 12:14
L64	6	("5737260"   "5991188"   "6198651"   "6236588"   "6577548"   "6738282").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 12:14
L65	5	("5406514"   "5659503"   "5699295"   "5773997"   "5889702").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 12:14
L66	165	365/203,210.ccls. AND (precharg\$3 with (reference near2 cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 12:14
L67	34	365/203,210.ccls. AND (precharg\$3 with (reference near2 array\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 12:14
L68	177	365/203,210.ccls. AND (precharg\$3 with (reference near2 (cell\$1 or array\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 12:14
L69	76	365/203,210.ccls. AND (precharg\$3 near3 (reference near2 (cell\$1 or array\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 12:14
L70	3	(multi-bit with memory) and (precharg\$3 near3 (reference near2 (cell\$1 or array\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 12:14

## EAST Search History

L71	13	(multi-bit with memory) and (precharg\$3 with (reference near2 (cell\$1 or array\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 12:14
L72	18	365/185.03,203,210,185.2,185.11, 185.21,230.03,203.ccls. and ((reference with cell\$1) same average) and redund\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L73	2	((reference with cell\$1) same average) and (unprogram\$4 near2 bit near2 value) and (program\$4 near2 bit near2 value)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L74	6	365/185.03,203,210,185.2,185.11, 185.21,230.03,203.ccls. and ((reference with cell\$1) same average) and (program\$4 near2 bit) and (unprogram\$4 near2 bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L75	2	711/156.ccls. and ((reference with cell\$1) same average) and (program\$4 near2 bit) and (unprogram\$4 near2 bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L76	15	("20020061658"   "20020133312"   "5218566"   "5684741"   "5754475"   "5898618"   "6011725"   "6040994"   "6185128"   "6195288"   "6275961"   "6327194"   "6344994"   "6411549"   "6466480").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 12:14
L77	1	365/185.2,210,230.03,185.11,203. ccls. and bit\$1 and (reference near3 cell) and ((reference near3 array) same (interweav\$3 with cell\$1)) and average and (reference near3 voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L78	4	bit\$1 and (reference near3 cell) and ((reference near3 array) same (interweav\$3 with cell\$1)) and average and (reference near3 voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L79	2856	(((Ming-Huei with Shieh) and (Kazuhiro with Kurihara)) or (amin with Turocy))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14

## EAST Search History

L80	33	((Ming-Huei with Shieh) and (Kazuhiro with Kurihara)) or (amin with Turocy) and (reference with cell\$1) and fabricat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L81	56	((Ming-Huei with Shieh) and (Kazuhiro with Kurihara)) or (amin with Turocy) and (reference with cell\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L82	5	("5128895"   "5986934"   "6044033"   "6438035"   "6709920").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 12:14
L83	31	"365"/\$.ccls. and average and (bit\$1 with (reference with cell\$1)) and (reference with array\$1 with fabricat\$3) and (reference with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L84	1	("6519184").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 12:14
L85	1	"20030208663"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 12:14
L86	15	(multi-bit or bits) and (reference near2 arrays) and precharg\$3 and before and averag\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L87	55	365/185.2,210,230.03,185.11,203. ccls. and cell\$1 and (reference with array\$1) and bits and precharg\$3 and average and (reference with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L88	1	365/185.2,210,230.03,185.11,203. ccls. and cell\$1 and (reference with array\$1) and bits and precharg\$3 and average and (reference with voltage) and (redundancy with sectors)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L89	1	cell\$1 and (reference with array\$1) and bits and precharg\$3 and average and (reference with voltage) and (redundancy with sectors)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14
L90	4	cell\$1 and (reference with array\$1) and bits and precharg\$3 and average and (reference with voltage) and redundancy and sectors	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 12:14

## EAST Search History

L91	2	("6,880144" "20060022600").pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/02 12:19
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